AMENDMENTS TO THE CLAIMS

This is a complete and current listing of the claims, marked with status identifiers in parentheses. The following listing of claims will replace all prior versions and listings of claims in the application.

1. (Previously Presented) A knit design method for simulating and displaying an image of a knitted fabric with a fuzzy knitting yarn based on data for knitting a knitted fabric, comprising:

dividing image data of a knitting yarn extended in a form of a line into fuzz regions on both sides and a yarn main frame region therebetween with respect to a width direction of the knitting yarn, and dividing into a plurality of meshes with a predetermined length in a length direction so that sides in the length direction and sides in the width direction form rectangles,

deforming each of the meshes in accordance with a shape of a stitch loop constituting a knitted fabric, deforming the image data of the knitting yarn in accordance with a state of the deformed meshes, and reducing image data of the fuzz regions, and

displaying the image data of the knitting yarn on an upper side or a lower side at a portion in which stitch loops overlap each other, in accordance with a predetermined rule, and thereby simulating an image of the knitted fabric.

2. (Previously Presented) The knit design method of claim

1, wherein the image data of the fuzz regions is reduced by contracting the meshes of the fuzz regions when deforming each of the meshes in accordance with the shape of the stitch loop.

3. (Previously Presented) The knit design method of claim 2, wherein the meshes of the fuzz regions are contracted by making a ratio in the deformation smaller.

4. (Previously Presented) The knit design method of claim 3, wherein the contraction ratio is made greater when density of fuzz on an adjacent knitting yarn is high, and is made smaller when the density is small.

5. (Currently Amended) The knit design method of ~~any one of~~ claims 1 ~~to 4~~, wherein at a portion in which the stitch loop is curved, the rectangular shapes of the meshes are deformed so that the sides in the length direction are curved lines.

6. (Currently Amended) A program for letting a computer execute the knit design method of ~~any one of~~ claims 1 ~~to 5~~.

7. (Previously Presented) A knit design apparatus for designing a knitted fabric knitted with a fuzzy knitting yarn while displaying an image of the knitted fabric on image display means, comprising:

knitting yarn image storage means for storing data of a knitting yarn extending in a form of a line,

mesh division means for dividing the image data of the knitting yarn read out from the knitting yarn image storage means into fuzz regions on both sides and a yarn main frame region therebetween with respect to a width direction of the knitting yarn, and dividing into a plurality of meshes with a predetermined length in a length direction so that sides in the length direction and sides in the width direction form rectangles,

data input means for inputting data for knitting a knitted fabric whose image is to be simulated,

knitting yarn image deformation means for deforming each of the meshes in accordance with a shape of a stitch loop constituting a knitted fabric based on the data for knitting a knitted fabric input into the data input means, for deforming the image data of the knitting yarn in accordance with a state of the deformed meshes, and for reducing the image data of the fuzz regions, and

knitted fabric simulation means for simulating an image of the knitted fabric by displaying the image data of the knitting yarn deformed in accordance with the stitch loop by the knitting yarn image deformation means, on an upper side or a lower side at a portion in which stitch loops overlap each other, in accordance with a predetermined rule.

8. (New) The knit design method of claim 2, wherein at a

portion in which the stitch loop is curved, the rectangular shapes of the meshes are deformed so that the sides in the length direction are curved lines.

9. (New) The knit design method of claim 3, wherein at a portion in which the stitch loop is curved, the rectangular shapes of the meshes are deformed so that the sides in the length direction are curved lines.

10. (New) The knit design method of claim 4, wherein at a portion in which the stitch loop is curved, the rectangular shapes of the meshes are deformed so that the sides in the length direction are curved lines.

11. (New) A program for letting a computer execute the knit design method of claim 2.

12. (New) A program for letting a computer execute the knit design method of claim 3.

13. (New) A program for letting a computer execute the knit design method of claim 4.

14. (New) A program for letting a computer execute the knit design method of claim 5.